

Safety Data Sheet

1 IDENTIFICATION

(a) **Product name:** AEEA.HCl

(b) **Other means of identification**

CAS number: 134979-01-4

Product number: PEGT008

(c) **Recommended use of the chemical and restrictions on use**

For laboratory use only, not for drug, food or household use.

(d) **Supplier's details**

Yanfen Biotech LLC

9528 Miramar Road Unit 1031, San Diego, CA, USA 92126

+1 (424) 333-5358

(e) **Emergency phone number**

+1 (424) 333-5358

2 HAZARDS IDENTIFICATION

(a) **Classification of the chemical in accordance with HCS and GHS**

Hazard class	Hazard category	GHS hazard statement codes
Acute toxicity – oral	Category 4	H302
Skin corrosion/irritation	Category 2	H315
Serious eye damage/eye irritation	Category 2A	H319
Specific target organ toxicity, single exposure – respiratory system	Category 3	H335

(b) **Signal word, hazard statements, symbols and precautionary statements**



Pictograms:

Signal word: Warning

Hazard statements: H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

Precautionary statements:

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves, and eye protection/face protection.
P264+P265 Wash hands thoroughly after handling. Do not touch eyes.

P362+P364 Take off contaminated clothing and wash it before reuse.
 P301+P317+P330 IF SWALLOWED: Get medical help. Rinse mouth.
 P302+P352+P332+P317 IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical help.
 P305+P351+P338+ P337+P317 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical help.
 P304+P340+P319 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical help if you feel unwell.

(c) Other hazards

Additional precautionary phrases are located throughout the safety data sheet.

3 COMPOSITION AND INFORMATION ON INGREDIENTS

Component	CAS Number	Purity % (by HPLC)
AEEA.HCl	134979-01-4	≥98.0

4 FIRST-AID MEASURES

(a) Description of first-aid measures

General advice

Get medical help. Present this safety data sheet to the attending doctor. Evacuate the hazardous area.

If inhaled

Move the person to fresh air immediately. If they aren't breathing, provide artificial respiration. Get medical help if they have trouble breathing, chest pain, or wheezing.

In case of skin contact

Remove contaminated clothing and shoes right away. Wash the affected area thoroughly with soap and plenty of water. If irritation persists, get medical help.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Do not induce vomiting. Rinse the mouth with water and spit it out. Drink plenty of water afterward. Get medical help.

(b) Most important symptoms and effects, acute and delayed

The most important known symptoms and effects are described in sections 2 and 11.

(c) Indication of any immediate medical attention and special treatment needed

No data available

5 FIRE-FIGHTING MEASURES

(a) Suitable and unsuitable extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, dry chemical, or CO₂

Unsuitable extinguishing media: No data available

(b) Special hazards arising from the chemical

Combustion may produce toxic fumes.

(c) Special protective equipment and precautions for fire-fighters

Wear a self-contained breathing apparatus.

Wear protective gear to prevent skin and eye contact.

6 ACCIDENTAL RELEASE MEASURES**(a) Personal precautions, protective equipment and emergency procedures**

Ensure proper ventilation. Avoid creating dust. Use personal protective equipment as required. Refer to section 8 for personal protective equipment.

(b) Environmental precautions

If safe, prevent further leakage or spillage. Prevent the substance from entering drains. Notify the neighborhood about any fumes or gas present.

(c) Methods and materials for containment and cleaning up

Mix with sand or vermiculite, then sweep and shovel up the material. Transfer it to a closable, labeled container for disposal. Refer to section 13 for disposal instructions.

7 HANDLING AND STORAGE**(a) Precautions for safe handling**

Avoid contact with skin and eyes. Prevent dust from forming. Wash hands thoroughly after handling. Ensure proper ventilation. Follow standard fire prevention measures. Refer to section 2 for additional precautions.

(b) Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool, and well-ventilated area at room temperature. Store away from strong oxidizing agents.

(c) Specific end use(s)

The specific end uses have not been fully determined. This substance is supplied only for research and development use by qualified professionals.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION**(a) Control parameters**

No occupational exposure limits for this substance have been established by any regional regulatory bodies.

(b) Appropriate engineering controls

Handle in accordance with good laboratory hygiene and safety practice.

(c) Individual protection measures, such as personal protective equipment

Eye and face protection

Wear suitable protective eyewear or chemical safety goggles as specified by OSHA's eye and face protection regulations (29 CFR 1910.133) or European Standard EN166.

Skin and body protection

Wear suitable protective gloves and clothing to avoid skin exposure.

Respiratory protection

If air-purifying respirators are deemed appropriate, use a full-face particle respirator with N100 (US) or P3 (EN 143) cartridges as a backup to engineering controls. Ensure respirators and components are tested and approved by relevant standards, such as NIOSH (US) or CEN (EU).

(d) Control of environmental exposure

Prevent the substance from entering drains.

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Crystal or powder
Color	Off-white to grey
Odor (includes odor threshold)	No data available
Melting point	No data available
Boiling point	No data available
Flammability	No data available
Lower and upper explosion limit/flammability limit	No data available
Flash point	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH	No data available
Kinematic viscosity	No data available
Solubility	No data available
Partition coefficient n-octanol/water (log value)	No data available
Vapor pressure (includes evaporation rate)	No data available
Density	No data available
Relative vapor density	No data available
Particle characteristics	No data available

10 STABILITY AND REACTIVITY

(a) Reactivity

No data available

(b) Chemical stability

Stable when stored under the conditions specified in section 7

(c) Possibility of hazardous reactions

No data available

AEAA.HCI

(d) Conditions to avoid

No data available

(e) Incompatible materials

Strong oxidizing agents

(f) Hazardous decomposition products

Carbon monoxide, carbon dioxide, nitrogen oxides

11 **TOXICOLOGICAL INFORMATION**

(a) Toxicological effects

Acute toxicity	No data available
Skin corrosion/irritation	Causes skin irritation
Serious eye damage/irritation	Causes serious eye irritation
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No carcinogenic classification data is available from the EPA, IARC, NTP, OSHA, or ACGIH.
Reproductive toxicity	No data available
STOT-single exposure	May cause respiratory irritation
STOT-repeated exposure	No data available
Aspiration hazard	No data available

(b) Other adverse effects

The toxicological properties of this substance have not been fully investigated.

12 **ECOLOGICAL INFORMATION**

(a) Ecotoxicity

No data available

(b) Persistence and degradability

No data available

(c) Bioaccumulative potential

No data available

(d) Mobility in soil

No data available

(e) Results of PBT and vPvB assessment

No data available

(f) Other adverse effects

No data available

13 DISPOSAL CONSIDERATIONS**(a) Waste treatment methods**

Review local, regional, and national hazardous waste regulations for proper classification. Send the waste to an authorized hazardous waste disposal company.

Disposal of packaging material

Comply with local regulations by using an authorized disposal service. Keep records of the disposal process.

14 TRANSPORT INFORMATION

ADR/RID: No data available

IMDG: No data available

IATA: No data available

15 REGULATORY INFORMATION**(a) U.S. EPA TSCA inventory**

The substance is not subject to any additional regulations or requirements.

(b) California Proposition 65

This substance is not listed on California's listing of known or potential carcinogens.

(c) Other U.S. federal regulations

SARA 302: Not applicable

SARA 311/312: See section 2 for more information

SARA 313: Not applicable

(d) Safety assessment

A chemical safety assessment has not been carried out.

16 OTHER INFORMATION

Creation date: 19-Sep-2024

Revision date: 19-Sep-2024

Revision number: 01

Revision summary: New safety data sheet